A2 cncld

15.(Amended) A method according to claim 1, comprising processing said at least one sound by said computer.

A3

28.(Amended) A method according to claim 5, wherein said electronic device comprises a wireless communication device.

A4

32.(Amended) A method according to claim 1, wherein said information comprises programming information.

A5

34.(Amended) A method according to claim 1, wherein said source comprises a toy.

36.(Amended) A method according to claim 1, wherein said source comprises a smart card.

A6

37.(Amended) A method according to claim 1, wherein said source comprises a wireless communication device.

38.(Amended) A method according to claim 1, wherein said source comprises a computer.

39.(Amended) A method according to claim 1, wherein said source comprises a computer peripheral.

40.(Amended) A method according to claim 1, wherein said information comprises personal information.

41.(Amended) A method according to claim 1, comprising logging into a computer system responsive to said at least transmitted signal.

42.(Amended) A method according to claim 1, comprising transmitting at least a second acoustical signal responsive to said received at least one signal.

43.(Amended) A method according to claim 2, wherein said acoustic signal comprises human audible sound.

45.(Amended) A method according to claim 2, wherein said sound has a main frequency which is infra-sonic.

46.(Amended) A method according to claim 1, wherein said information is encoded using below human-threshold amplitude signals.

A7

47.(Amended) A method according to claim 1, wherein said information is encoded using below human-threshold amplitude variations.

48.(Amended) A method according to claim 1, wherein said sound is generated at a frequency outside a normal operating frequency for said sound subsystem.

49.(Amended) A method according to claim 1, wherein said sound subsystem is designed for generating musical sounds.

50.(Amended) A method according to claim 1, wherein said sound subsystem comprises a sound card.

52.(Amended) A method according to claim 1, wherein said sound sub-system is designed for audible sound communication with a human operator.

A8 Cm.f

53.(Amended) A method according to claim 1, wherein said ultrasonic signal has a main frequency below 50kHz.

54.(Amended) A method according to claim 1 wherein said ultrasonic signal has a main frequency below 35kHz.

55.(Amended) A method according to claim 1 wherein said ultrasonic signal has a main frequency below 25kHz.

56.(Amended) A method according to claim 1 wherein said ultrasonic signal has a main frequency of about 21kHz.

57.(Amended) A method according to claim 1 wherein said ultrasonic signal has a main frequency of about 20kHz.

A8 cmcld.

58.(Amended) A method according to claim 1 wherein said ultrasonic signal has a main frequency of about 19kHz.

59.(Amended) A method according to claim 1 wherein said ultrasonic signal has a main frequency of below 18kHz.

63.(Amended) A method according to claim 60, wherein loading a smart-card terminal software comprises downloading the software over an Internet.

64.(Amended) A method according to claim 60, wherein said acoustic waves comprise ultrasonic waves.

65.(Amended) A method according to claim 60, wherein said smart-card comprises a memory for storing a monetary balance.

66.(Amended) A method according to claim 60, wherein said software encrypts information encoded by said transmitted acoustic waves.

67.(Amended) A method according to claim 60, wherein said smart card comprises a memory for storing identification information for a card owner.

68.(Amended) A method according to claim 60, wherein said smart card comprises a processor for analyzing information received from said computer and for generating a response to said computer.

A10 Cm.t

75.(Amended) A method according to claim 72, wherein said computer component comprises a speaker.

A10 cncld.

76.(Amended) A method according to claim 72, wherein said electromagnetic field has a main AC frequency of between 10 kHz and 100 kHz.

80.(Amended) A method according to claim 77, wherein said electromagnetic field is a side-effect of driving a speaker.

A11

81.(Amended) A method according to claim 77, wherein said electromagnetic field is a side-effect of driving a speaker.

82.(Amended) A method according to claim 77, wherein said electromagnetic field has a main AC frequency of between 10 kHz and 100 kHz.

91.(Amended) A method according to claim 87, wherein said analyzing comprises analyzing on a computer separate from a circuitry used for acquiring said signals.

A12

92.(Amended) A method according to claim 87, wherein said signals are generated by said device responsive to an interrogation by a second device which performs said receiving.

94.(Amended) A method according to claim 87, wherein said signals are generated by said device independent of an interrogation by a second device.

A13

95.(Amended) A method according to claim 87, wherein said signals are sonic.

96.(Amended) A method according to claim 87, wherein said signals are ultrasonic.

97.(Amended) A method according to claim 87, comprising programming an existing device to generate said signals using an existing speaker which, when the device was designed, was not designated for communication with a second device.

A14 Cm.t

100.(Amended) A method according to claim 87, wherein said electronic device comprises a computer.

101.(Amended) A method according to claim 87, wherein said electronic device comprises a network hub.

A14 cncld

102.(Amended) A method according to claim 87, wherein said electronic device comprises a network switch.

103.(Amended) A method according to claim 87, wherein said electronic device comprises a network router.

A15

106.(Amended) A method according to claim 104, wherein said receiving comprises receiving using a microphone connected to a sound card of said computer, which sound card is designed for audio applications.

113.(Amended) A peripheral according to claim 110, wherein said processing comprises merely of converting the signals from an acoustic encoding format to a format suitable for said display.

A16

114.(Amended) A peripheral according to claim 110, wherein said processing comprises processing the information encoded by said transmissions.

115.(Amended) A peripheral according to claim 110, wherein said electronic device comprises a computer.

116.(Amended) A peripheral according to claim 110, wherein said electronic device comprises a radio.

117.(Amended) A peripheral according to claim 110, wherein said peripheral comprises a speaker for said electronic device.

118.(Amended) A peripheral according to claim 110, wherein said peripheral comprises a time display which presents a time signal generated by said electronic device.

119.(Amended) A peripheral according to claim 110, wherein said peripheral comprises a status display which presents a status signal generated by said electronic device.

122.(Amended) A peripheral according to claim 120, wherein said input element comprises a bar-code reader.

A17

123.(Amended) A peripheral according to claim 120, wherein said input element comprises a smart card reader.

124.(Amended) A peripheral according to claim 120, wherein said input element comprises a pointing device.

125.(Amended) A peripheral according to claim 120, wherein said input element comprises a keyboard.

A18

137.(Amended) A method according to claim 135, wherein said network comprises an Internet.

A19

143.(Amended) A method according to claim 141, wherein estimating comprises estimating based on an expected communication geometry.

144.(Amended) A method according to claim 141, wherein estimating comprises estimating a duration based on at least one acoustic calibration generated adjacent to said data transmission.